

10/582787
1/20/2006 14 JUN 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of
LARSSON ET AL.

Atty. Ref.: 2483-53

Serial No. Unknown

TC/A.U.: Unknown

Filed: June 14, 2006

Examiner: Unknown

For: METHOD AND APPARATUS IN A MIMO BASED COMMUNICATION
SYSTEM

* * * * *

June 14, 2006

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

As suggested by 37 C.F.R. 1.97, the undersigned attorney brings to the attention of the Patent and Trademark Office the references listed on the attached form PTO/SB/08a. A copy of each listed foreign patent document and article is attached.

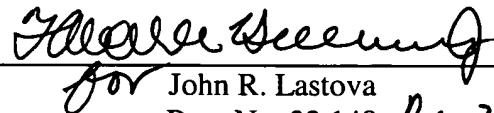
This is not to be construed as a representation that a search has been made or that no better prior art exists, or that a reference is relevant merely because cited.

The Examiner is requested to initial the attached form PTO/SB/08a and to return a copy of the initialed document to the undersigned as an indication that the attached references have been considered and made of record.

Respectfully submitted,

NIXON & VANDERHYE P.C.

By:



John R. Lastova
Reg. No. 33,149

Ref 29,366

JRL:jsm
901 North Glebe Road, 11th Floor
Arlington, VA 22203-1808
Telephone: (703) 816-4000
Facsimile: (703) 816-4100

INFORMATION DISCLOSURE

CITATION

ATTY. DOCKET NO.

SERIAL NO.

2483-53

Unknown **10 / 582997**

APPLICANT

LARSSON ET AL.

FILING DATE

TC/A.U.

June 14, 2006

Unknown

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

	International Search Report for PCT/SE2004/001358 dated 22 December 2004.
	Hwang et al., <i>A random beamforming technique in MIMO systems exploiting multiuser diversity</i> , IEEE International Conference on Communications, 2003, ICC '03, 11-15 May 2003, vol. 5, pp. 3225-3229.
	Dong et al., <i>Opportunistic transmission scheduling for multiuser MIMO systems</i> , 2003 IEEE International Conference on Acoustics, Speech, and Signal Processing, 2003, Proceedings (ICASSP '03), 6-10 April 2003, vol. 5, pp. V65-V68.
	Heath et al., <i>Multiuser diversity for MIMO wireless systems with linear receivers</i> , Conference Record of the Thirty-Fifth Asilomar Conference on Signals, Systems and Computers, 2001, 4-7 November 2001, Vol. 2, pp. 1194-1199.

*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

1084596